

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00718

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38, H04L 12/56, H04Q 7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	US 2003207696 A1 (WILLENEGGER, S. ET AL), 6 November 2003 (06.11.03), [0113]-[0124]; [0142]; [0196]- [0197]; [0244]-[0247], claims 1.36, abstract	1-59
X	WO 0126409 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 12 April 2001 (12.04.01), page 9, line 7 - page 14, line 27, claims 1-17, abstract	1-14, 24-31, 35-50, 56-59
Y		15-23, 32-34, 51-55

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

24 November 2003

Date of mailing of the international search report

25 -11- 2003

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9826625 A2 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 18 June 1998 (18.06.98), page 6, line 12 - line 26; page 7, line 6 - page 10, line 29, claims 1-12, abstract	15-23, 32-34, 51-55
A	--	1-14, 24-31, 35-50, 56-59
Y	US 2002071480 A1 (MARJELUND, P. ET AL), 13 June 2002 (13.06.02)	15-23, 32-34, 51-55
A	--	1-14, 24-31, 35-50, 56-59
Y	US 2001010685 A1 (AHO, O.), 2 August 2001 (02.08.01), whole document	15-23, 32-34, 51-55
A	--	1-14, 24-31, 35-50, 56-59
A	3GPP TS 22.146 V6.0.0 (2002-06) Technical Specification 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Multimedia Broadcast/Multicast Service; Stage 1 (Release 6). Cited in Application	1-59
A	WO 0152583 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 19 July 2001 (19.07.01), claims 1-17, abstract	1-59
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

06/09/03

International application No.

PCT/FI 03/00718

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
US	2003207696	A1	06/11/03	NONE		
WO	0126409	A1	12/04/01	AU	7977900 A	10/05/01
				CN	1402951 T	12/03/03
				EP	1219133 A	03/07/02
				US	6600917 B	29/07/03
WO	9826625	A2	18/06/98	AU	758283 B	20/03/03
				AU	7852298 A	03/07/98
				BR	9713932 A	28/03/00
				US	6006091 A	21/12/99
US	2002071480	A1	13/06/02	AU	3411299 A	28/09/00
				CN	1124769 B	15/10/03
				CN	1338192 T	27/02/02
				EP	1159846 A	05/12/01
				JP	2002539694 T	19/11/02
				WO	0054536 A	14/09/00
US	2001010685	A1	02/08/01	AU	2174401 A	07/11/01
				AU	2377801 A	14/08/01
				CA	2406657 A	01/11/01
				EP	1256251 A	13/11/02
				EP	1276365 A	22/01/03
				FI	5040 U	24/08/01
				FI	20000213 A	02/08/01
				NO	20025130 A	25/10/02
				US	2003145770 A	07/08/03
				WO	0158198 A	09/08/01
				WO	0180623 A	01/11/01
WO	0152583	A1	19/07/01	AU	2846001 A	24/07/01
				CN	1397143 T	12/02/03
				EP	1254580 A	06/11/02
				US	2001026538 A	04/10/01